

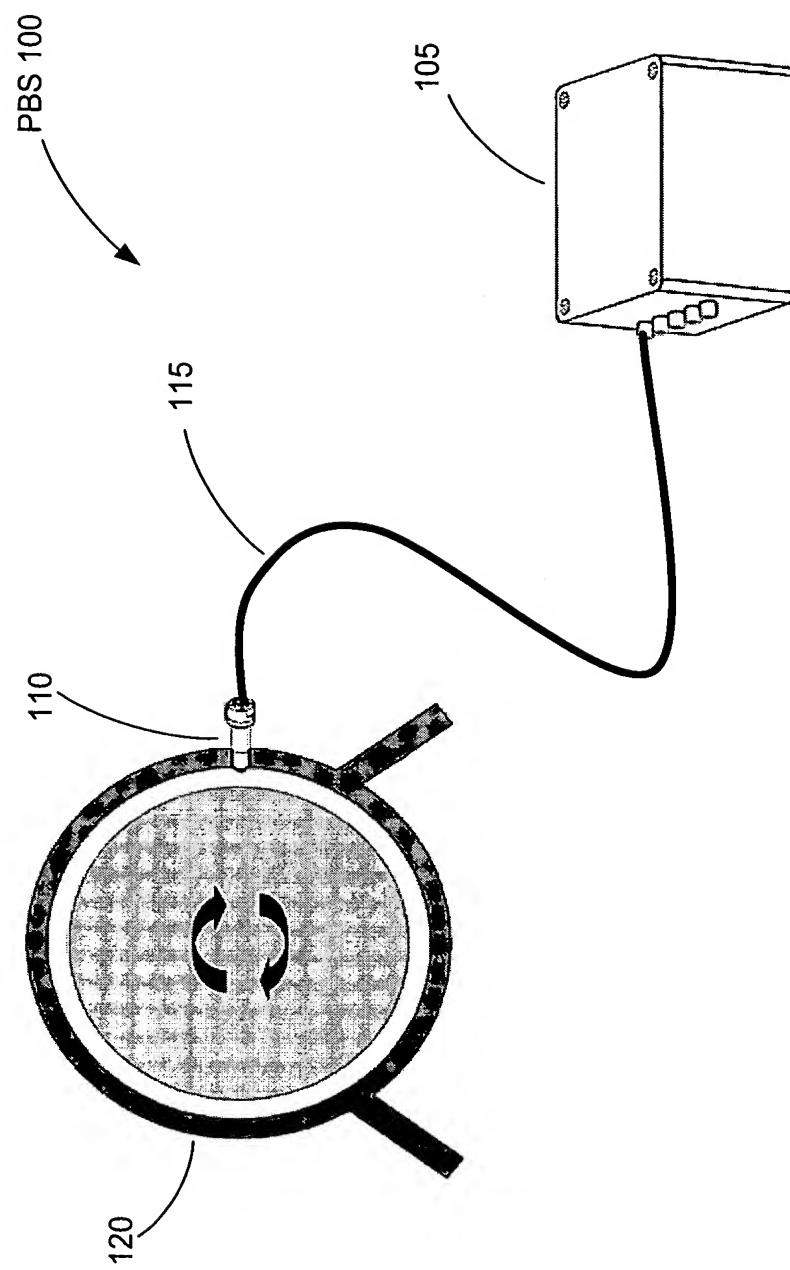
FIG. 1

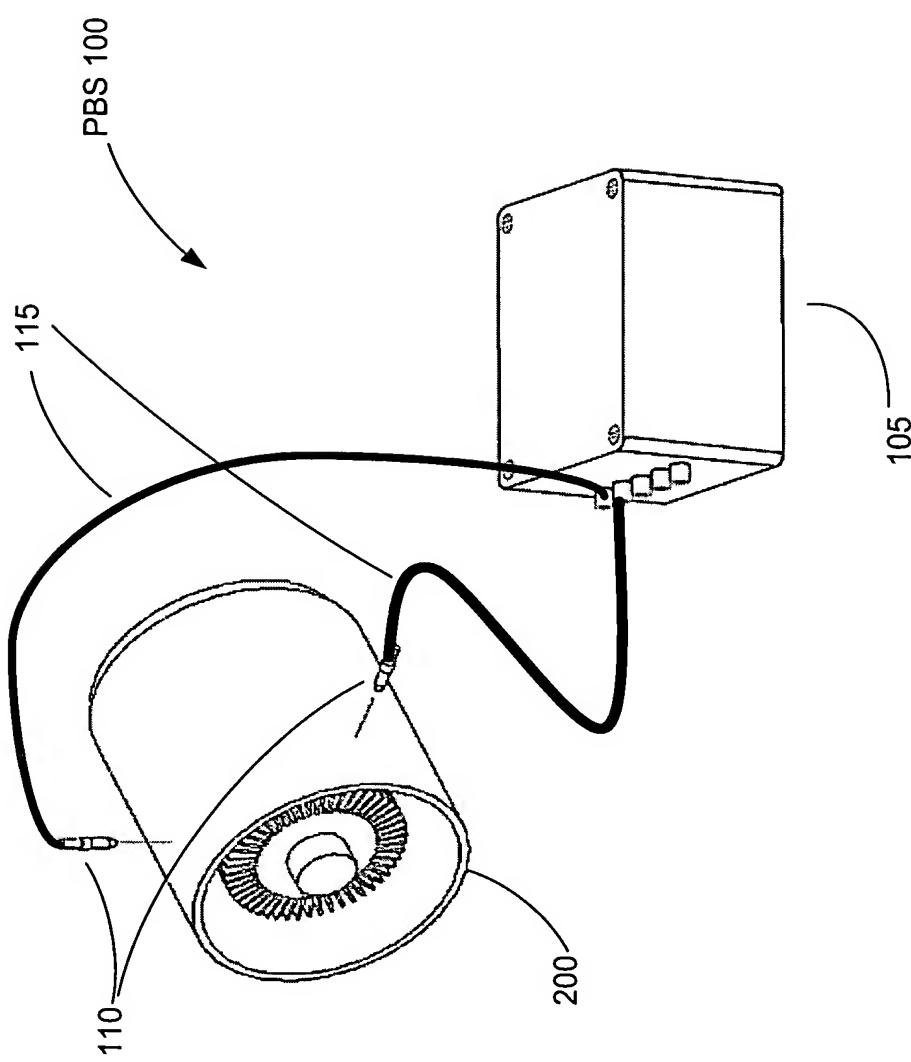
FIG. 2

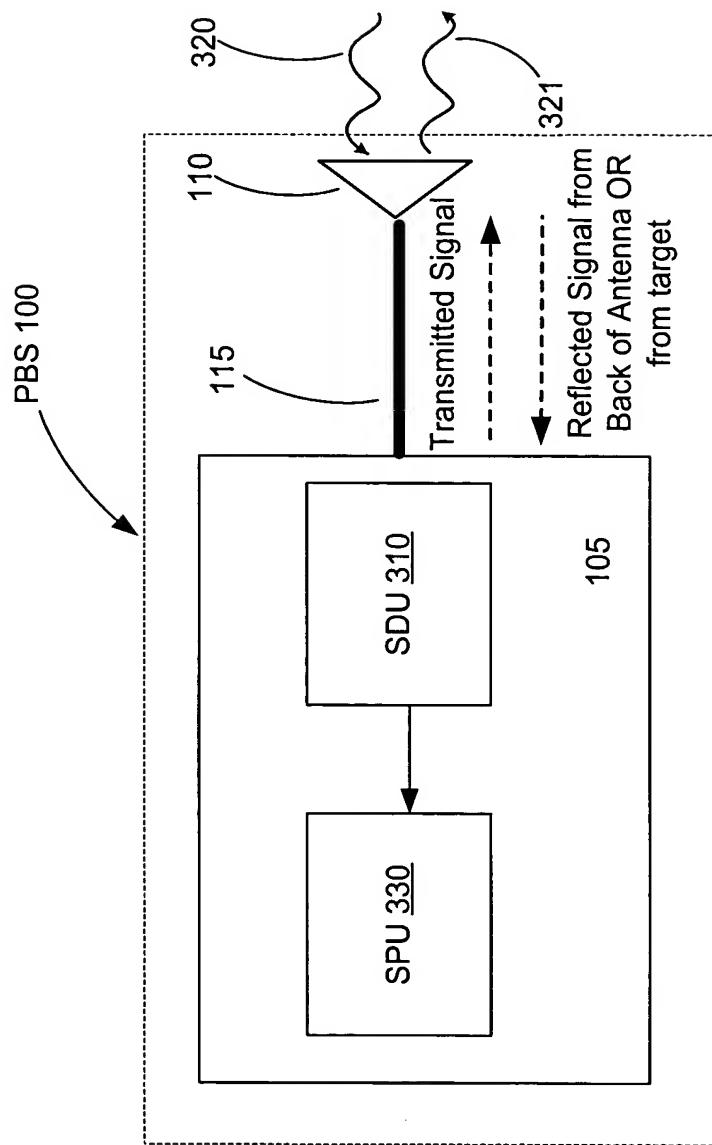
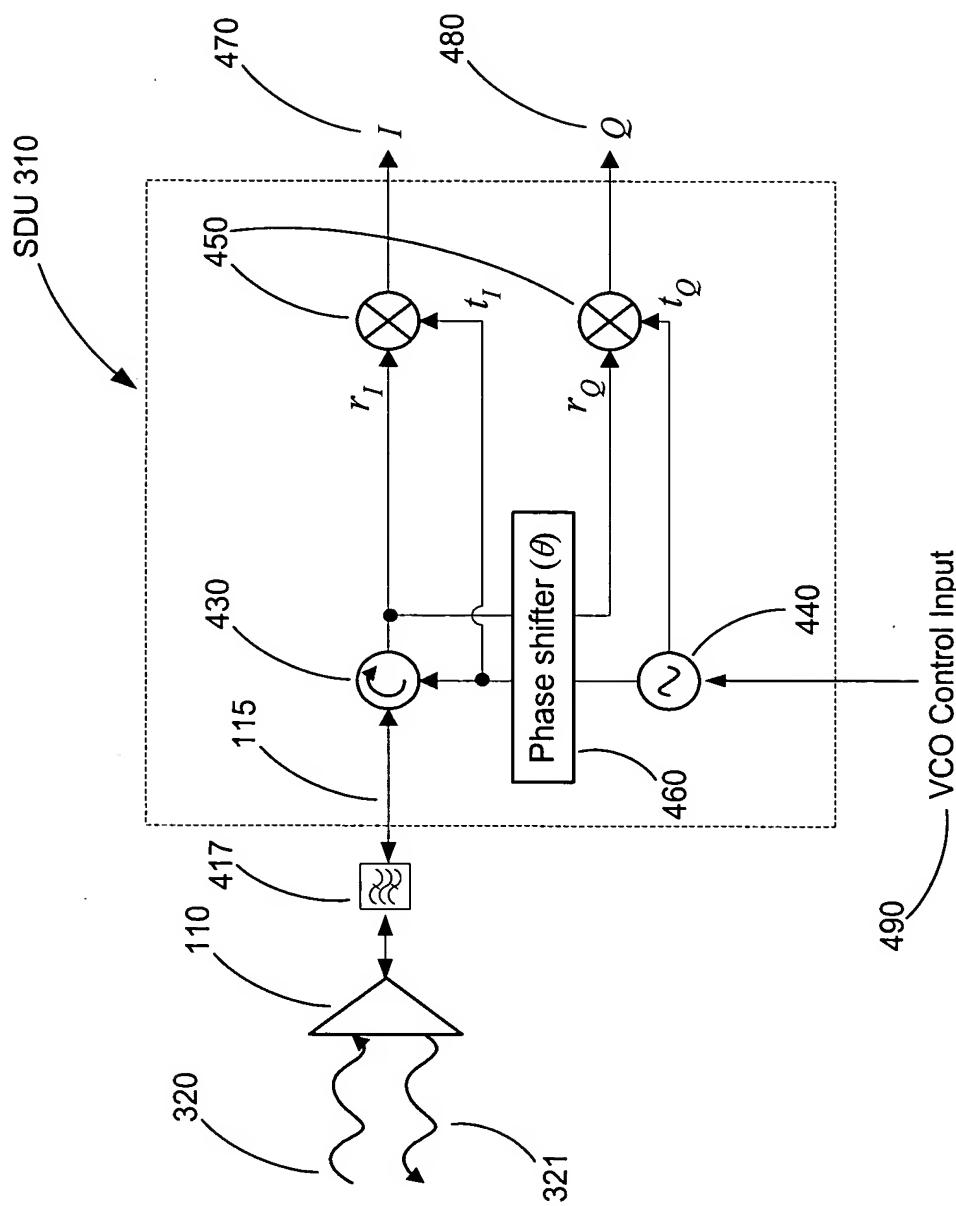
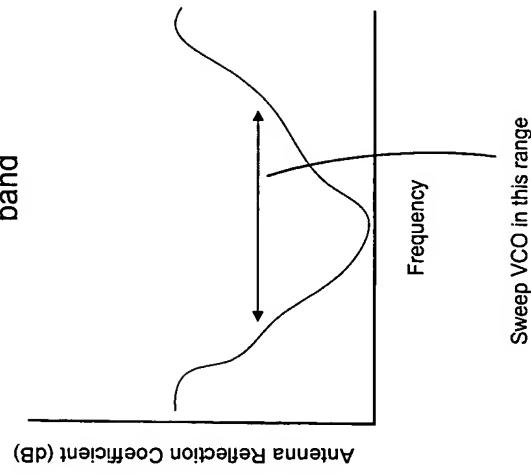
FIG. 3

FIG. 4

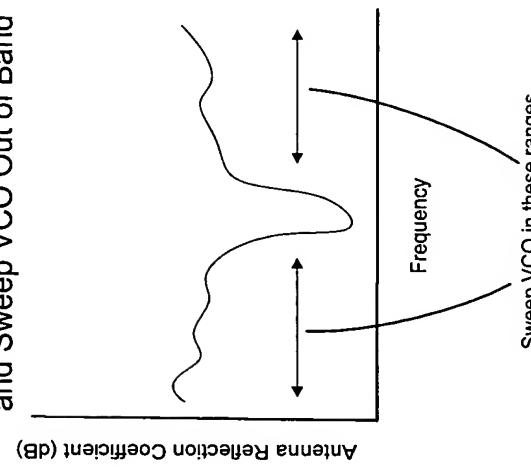


For Calibration to Target - Use Wideband Antenna Response and Sweep VCO in-band



Sweep VCO in this range

For Calibration of Cable (Reflection off of Antenna) - Use Narrowband Antenna Response and Sweep VCO Out of Band



Sweep VCO in these ranges

FIG. 5A

FIG. 5B

FIG. 6

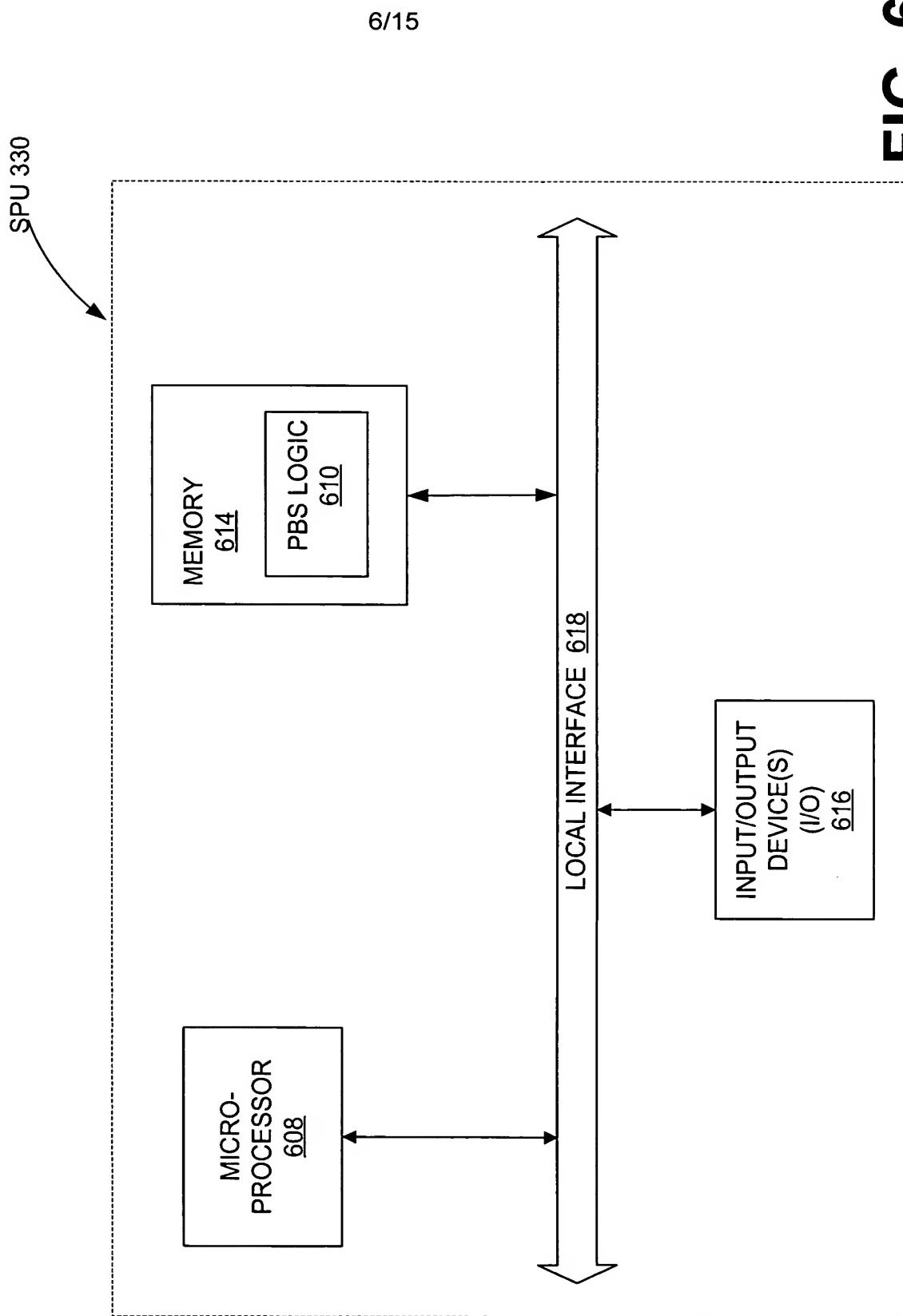


FIG. 7

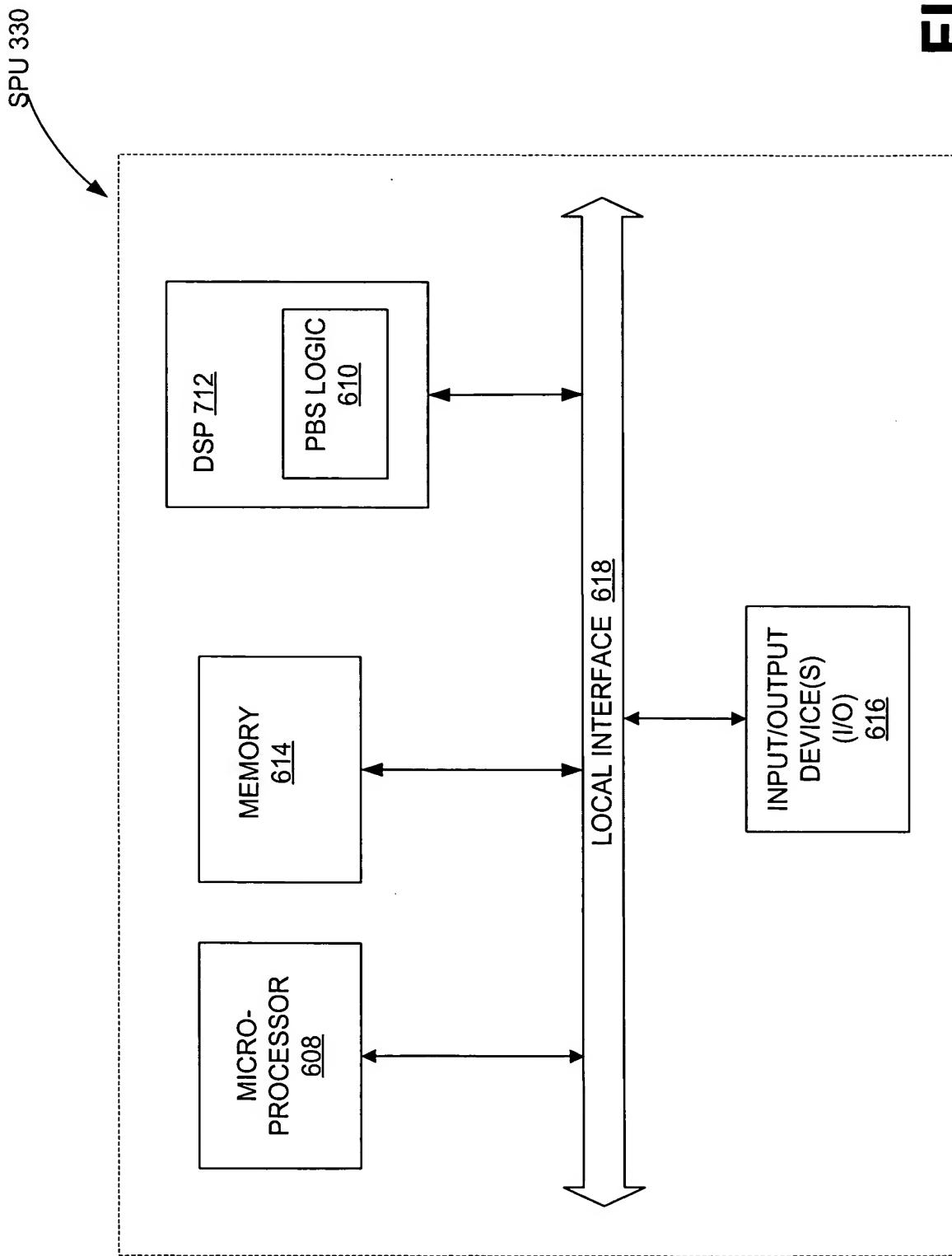


FIG. 8

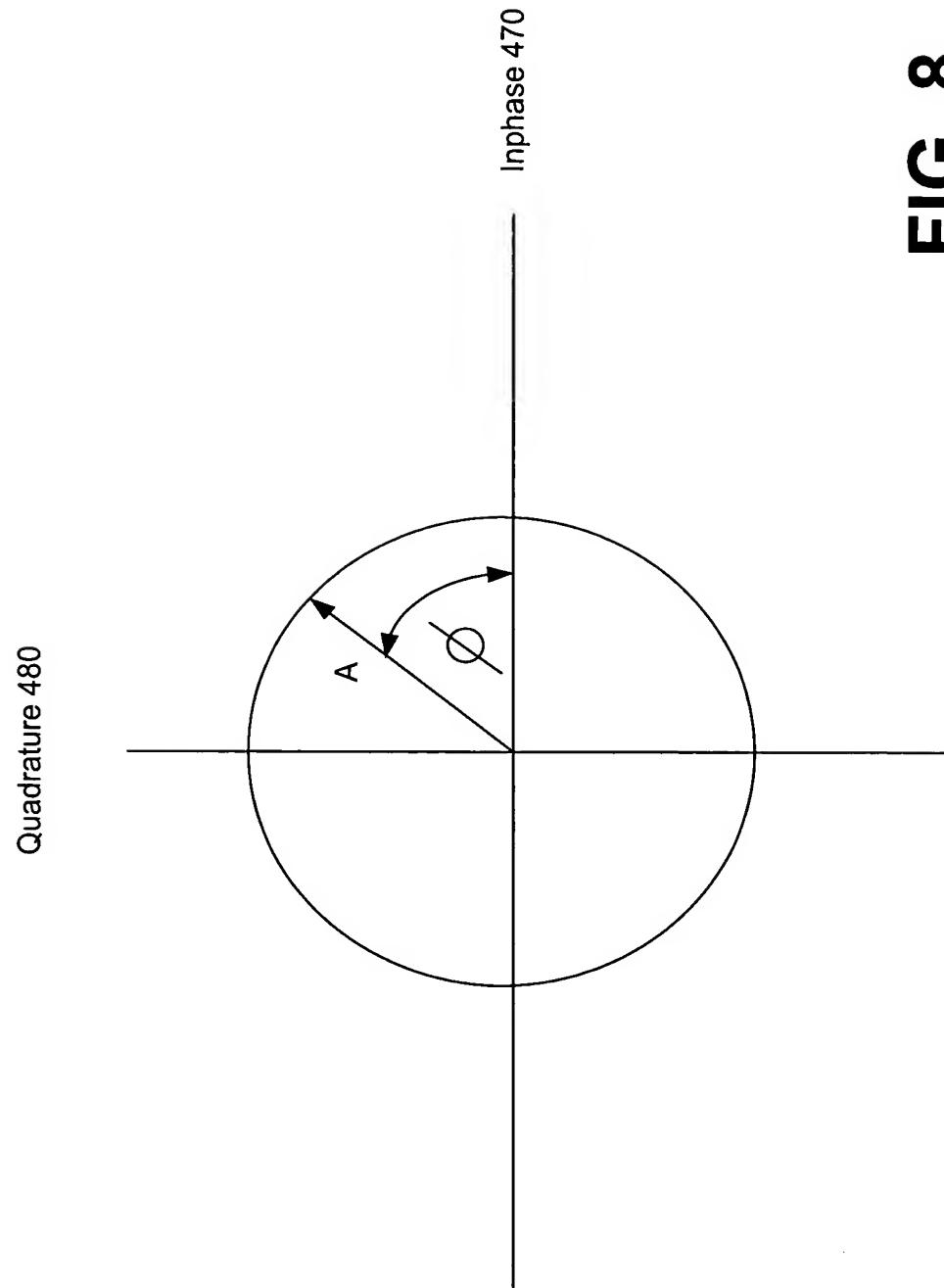
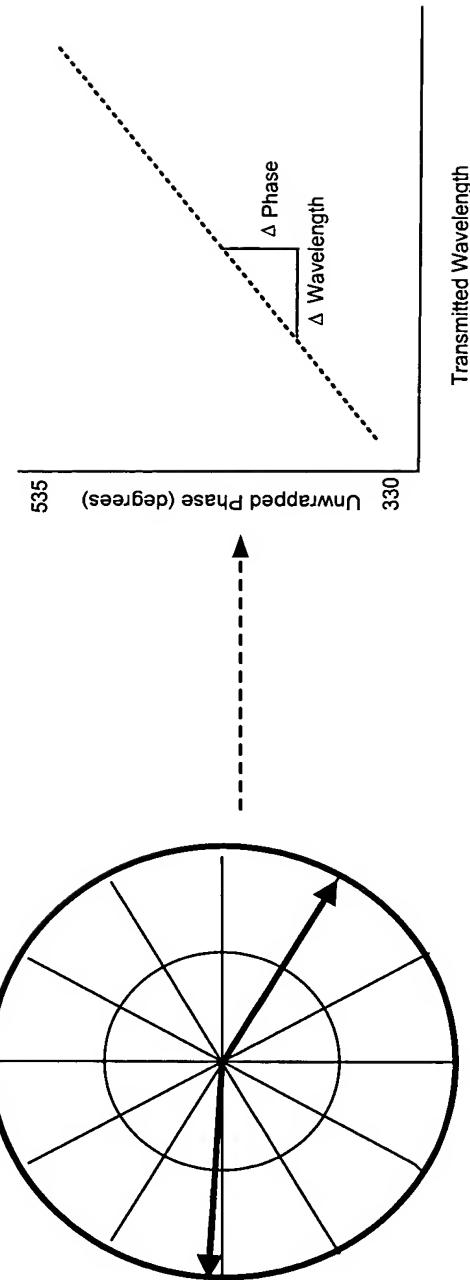


FIG. 9



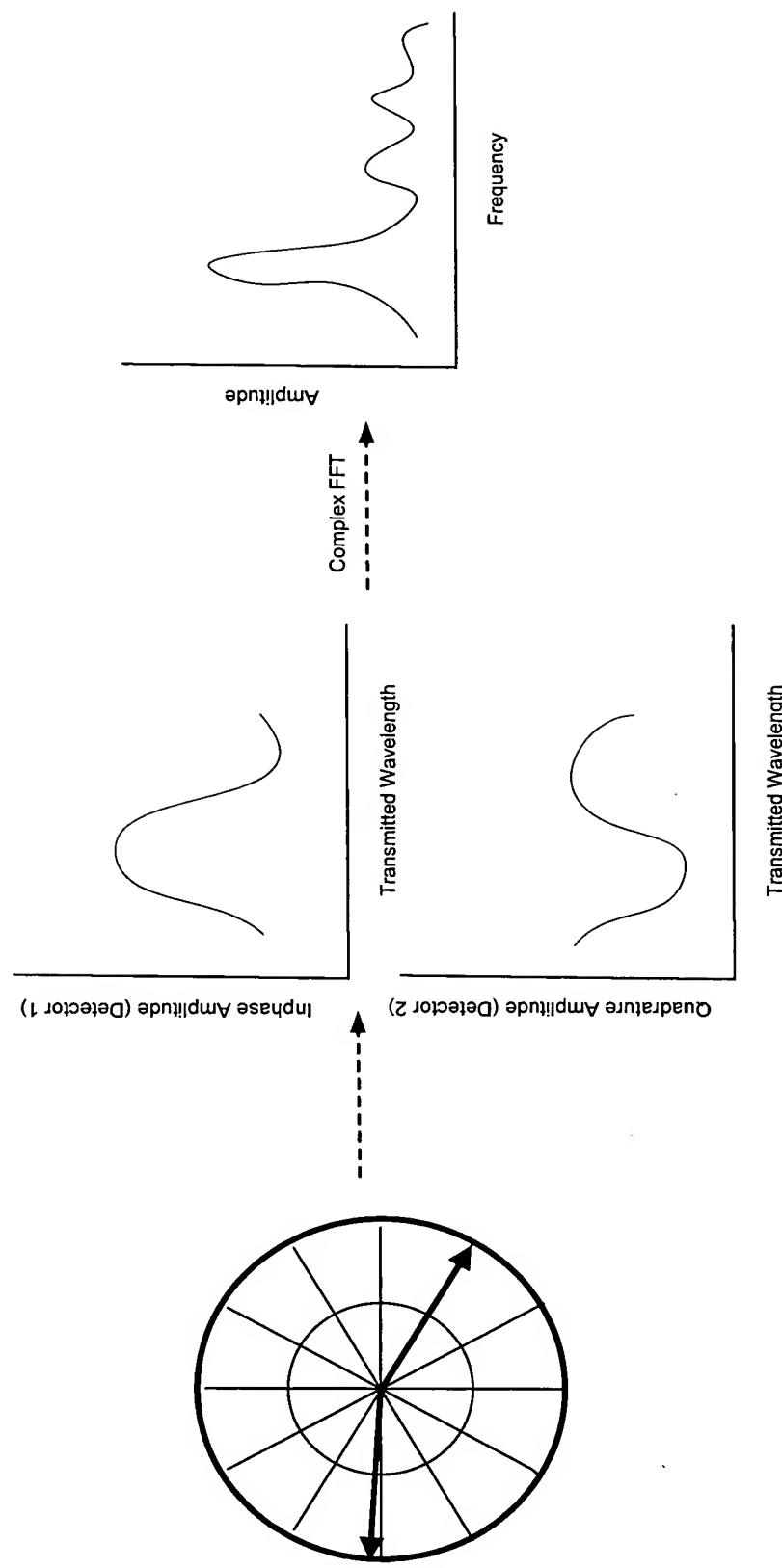
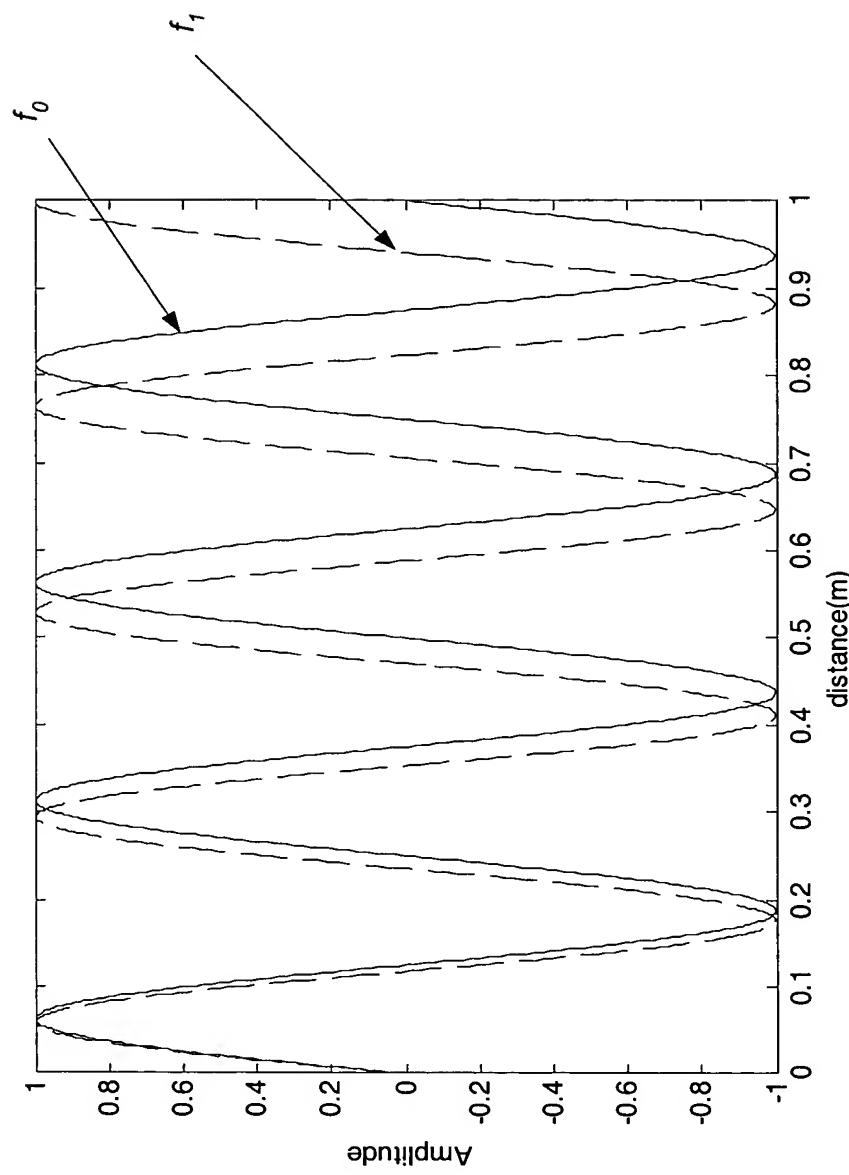


FIG. 10

FIG. 11



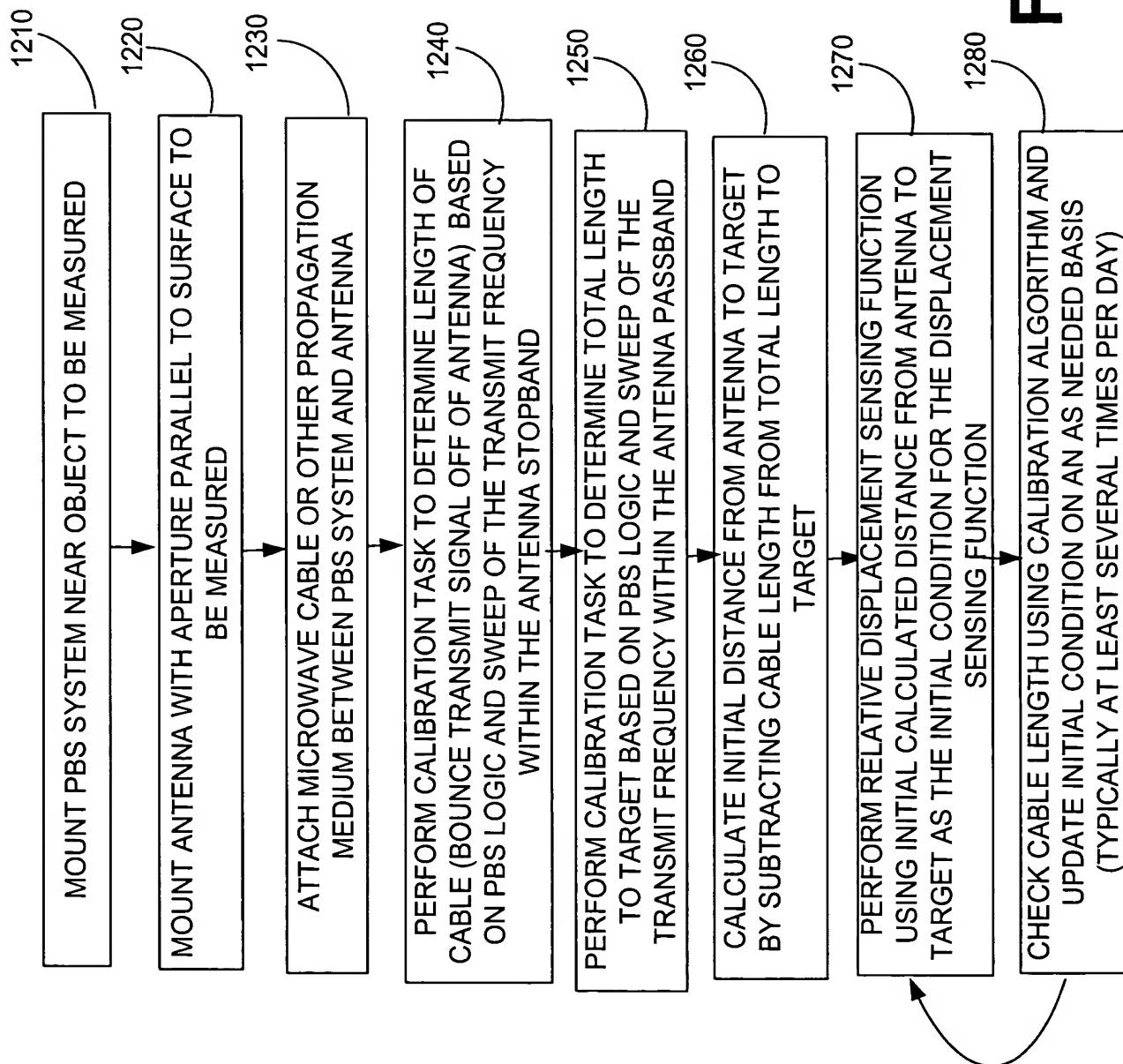


FIG. 12

FIG. 13

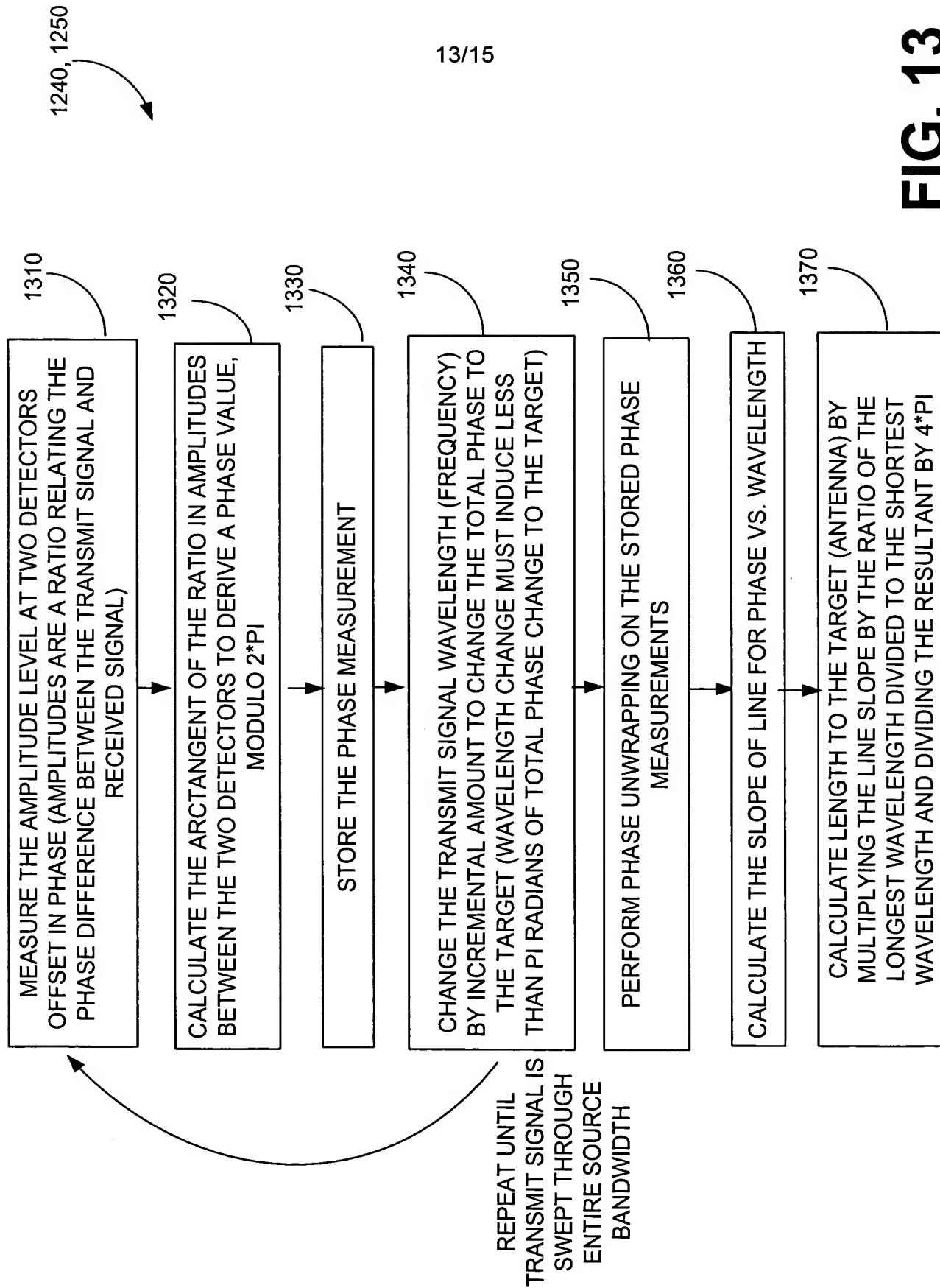


FIG. 14

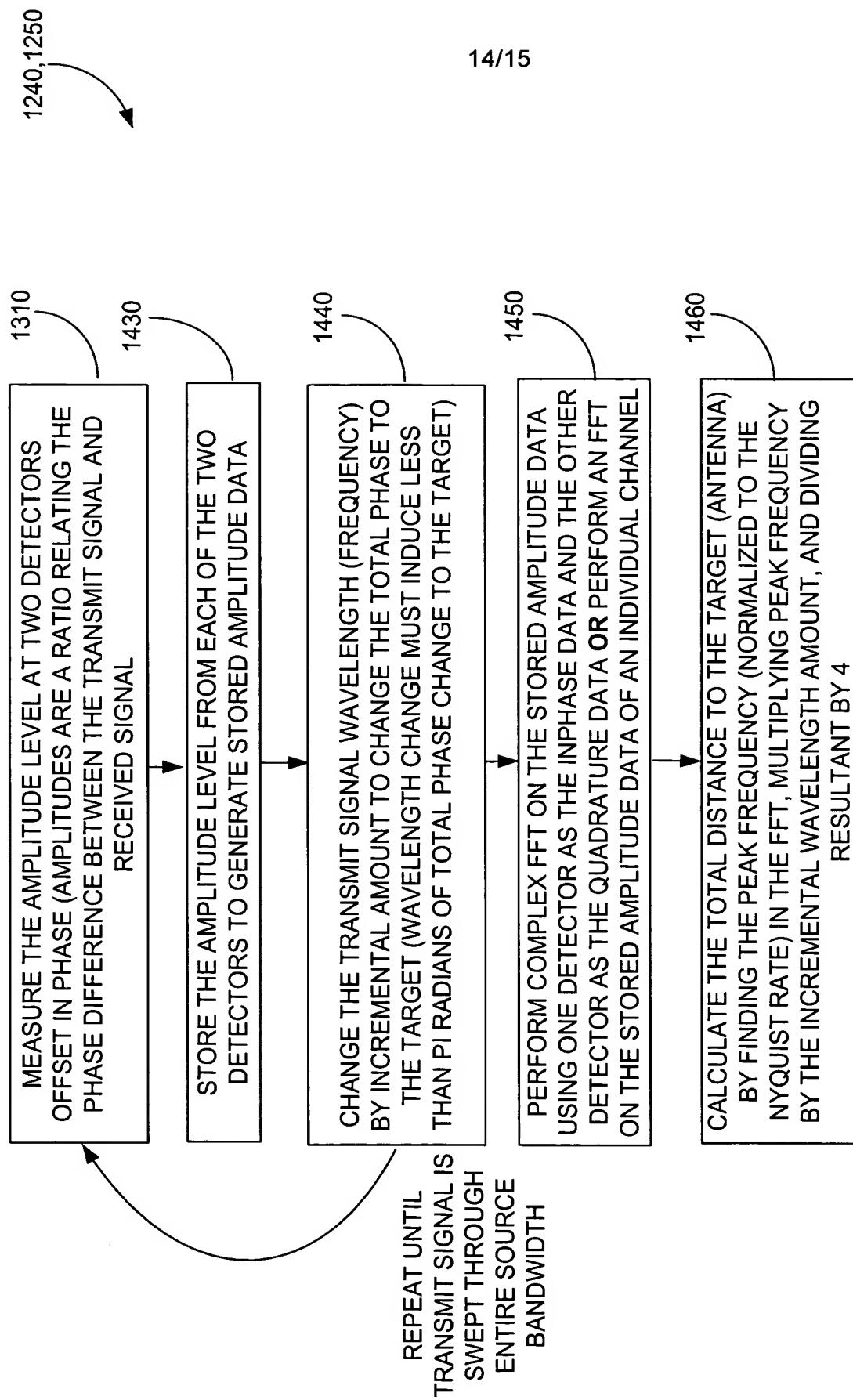


FIG. 15